

## BEST AVAILABLE COPY

Figure 20B

1500 TTACCAGGAA GCCATGAATC AACCAGGCCA CCTTAGACTC TTTGTGACAA GGATCATGCA  
1560 GGAATTTGAA AGTGACACGT TTTTCCCAGA AATTGATTTG GGGAAATATA AACCTCTCCC  
1620 AGAATACCCA GCGTCCTCT CTGAGGTCCA GGAGGAAAAA GGCATCAAGT ATAAGTTTGA  
1680 AGTCTACGAG AAGAAAGACT AACGTAACT GCTCCCCTCC TAAAGCTATG CATTTTTATA  
1740 AGACCATGGG ACTTTTGCTG GCTTTAGATC CCCTTGGCTT CGTTAGAACG CAGCTACAAT  
1800 TAATACATAA CTTTATGTAT CATAACATA CGATTTAGGT GACACTATAG ATAACATCCA  
1860 CTTTGCCTTT CTCTCCACAG GTGTCCACTC CCAGGTCCAA CTGCACCTCG GTTCTATCGA  
1872 TTGAATCCA CC <from 1873 to 3322, insertion site for a selected  
heterologous polypeptide>  
3382 CGATGGCC GCCATGGCCC AACTTGTTTA TTGCAGCTTA  
3420 TAATGGTTAC AAATAAAGCA ATAGCATCAC AAATTCACA AATAAAGCAT TTTTTCACT  
3480 GCATTCTAGT TGTGGTTTGT CCAAACATCAT CAATGTATCT TATCATGTCT GGATCGGGAA  
3540 TTAATTCGGC GCAGCACCAT GGCCTGAAAT AACCTCTGAA AGAGGAACTT GGTTAGGTAC  
3600 CTTCTGAGGC GGAAAGAACC AGCTGTGGAA TGTGTGTCAG TTAGGGTGTG GAAAGTCCCC  
3660 AGGCTCCCCA GCAGGCAGAA GTATGCAAAG CATGCATCTC AATTAGTCAG CAACCAGGTG  
3720 TGGAAAGTCC CCAGGCTCCC CAGCAGGCAG AAGTATGCAA AGCATGCATC TCAATTAGTC  
3780 AGCAACCATA GTCCCGCCCC TAACTCCGCC CATCCCGCCC CTAActCCGC CCAGTTCCGC  
3840 CCATTCTCCG CCCCATGGCT GACTAATTTT TTTTATTTAT GCAGAGGCCG AGGCCGCCTC  
3900 GGCCTCTGAG CTATTCCAGA AGTAGTGAGG AGGCTTTTTT GGAGGAGCTT TTGCAAAAAG  
3960 CTAGCTTATC CGGCCGGGAA CGGTGCATG GAACGCGGAT TCCCCGTGCC AAGAGTCAGG  
4020 TAAGTACCGC CTATAGAGTC TATAGGCCCA CCCCCTTGGC TTCGTTAGAA CGCGGCTACA  
4080 ATTAATACAT AACCTTTTGG ATCGATCCTA CTGACACTGA CATCCACTTT TTCTTTTTCT  
4140 CCACAGGTGT CCACTCCCAG GTCCAActGC ACCTCGGTTT GCGAAGCTAG CTGGGGCTGC  
4157 ATCGATTGAA TTCCACC <from 4158 to 4860, insertion site for a  
selected heterologous polypeptide>

**Figure 24B****BEST AVAILABLE COPY**

1500 ACCATTGAAC TGCATCGTCG CCGTGTCCCA AAATATGGGG ATTGGCAAGA ACGGAGACCT  
1560 ACCCTGGCCT CCGCTCAGGA ACGCGTTCAA GTACTTCCAA AGAATGACCA CAACCTCTTC  
1620 AGTGGAAGGT AAACAGAATC TGGTGATTAT GGGTAGGAAA ACCTGGTTCT CCATTCTGA  
1680 GAAGAATCGA CCTTTAAAGG ACAGAATTAA TATAGTTCTC AGTAGAGAAC TCAAAGAACC  
1740 ACCACGAGGA GTCATTTTC TTGCCAAAAG TTTGGATGAT GCCTTAAGAC TTATTGAACA  
1800 ACCGGAATTG GCAAGTAAAG TAGACATGGT TTGGATAGTC GGAGGCAGTT CTGTTTACCA  
1860 GGAAGCCATG AATCAACCAG GCCACCTCAG ACTCTTTGTG ACAAGGATCA TGCAGGAATT  
1920 TGAAAGTGAC ACGTTTTTCC CAGAAATTGA TTTGGGGAAA TATAAACCTC TCCCAGAATA  
1980 CCCAGGCGTC CTCTCTGAGG TCCAGGAGGA AAAAGGCATC AAGTATAAGT TTGAAGTCTA  
2040 CGAGAAGAAA GACTAACGTT AACTGCTCCC CTCCTAAAGC TATGCATTTT TATAAGACCA  
2100 TGAGACTTTT GCTGGCTTTA GATCCCCTTG GCTTCGTTAG AACGCAGCTA CAATTAATAC  
2160 ATAACCTTAT GTATCATA CAACGATTT AGGTGACACT ATAGAATAAC ATCCACTTTG  
2220 CCTTTCTCTC CACAGGTGTC CACTCCCAGG TCCAACCTGCA CCTCGGTTCT ATCGATTGAA  
2227 TTCCACC <from 2228 to 3677, insertion site for a selected  
heterologous polypeptide>  
3737 CGA TGGCCGCCAT GGCCCAACTT GTTTATTGCA GCTTATAATG  
3780 GTTACAAATA AAGCAATAGC ATCACAAATT TCACAAATAA AGCATTTTTT TCACTGCATT  
3840 CTAGTTGTGG TTTGTCCAAA CTCATCAATG TATCTTATCA TGTCTGGATC GGAATTAAT  
3900 TCGGCGCAGC ACCATGGCCT GAAATAACCT CTGAAAGAGG AACTTGGTTA GGTACCTATT  
3960 AATAGTAATC AATTACGGGG TCATTAGTTC ATAGCCATA TATGGAGTTC CGCGTTACAT  
4020 AACTTACGGT AAATGGCCCG CCTGGCTGAC CGCCCAACGA CCCCCGCCA TTGACGTCAA  
4080 TAATGACGTA TGTTCCATA GTAACGCCAA TAGGGACTTT CCATTGACGT CAATGGGTGG  
4140 AGTATTTACG GTAAACTGCC CACTTGGCAG TACATCAAGT GTATCATATG CCAAGTACGC  
4200 CCCCTATTGA CGTCAATGAC GGTAATGGC CCGCCTGGCA TTATGCCAG TACATGACCT  
4260 TATGGGACTT TCCTACTTGG CAGTACATCT ACGTATTAGT CATCGCTATT ACCATGGTGA

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Figure 24C

4320 TCGGTTTTG GCAGTACATC AATGGGCGTG GATAGCGGTT TGA CTCACGG GGATTTCCAA  
4380 GTCTCCACCC CATTGACGTC AATGGGAGTT TGTTTTGGCA CCAAATCAA CGGGACTTTC  
4440 CCAAATGTCG TAACAACTCC GCCCCATTGA CGCAAATGGG CGGTAGGCGT GTACGGTGGG  
4500 AGGTCTATAT AAGCAGAGCT CGTTTAGTGA ACCGTCAGAT CGCCTGGAGA CGCCATCCAC  
4560 GCTGTTTTGA CCTGCTAGCT TATCCGGCCG GGAACGGTGC ATTGGAACGC GGATTTCCCG  
4620 TGCCAAGAGT CAGGTAAGTA CCGCCTATAG AGTCTATAGG CCCACCCCCT TGGCTTCGTT  
4680 AGAACGCGGC TACAATTAAT ACATAACCTT TTGGATCGAT CCTACTGACA CTGACATCCA  
4740 CTTTTTCTTT TTCTCCACAG GTGTCCACTC CCAGGTCCAA CTGCACCTCG GTTCGCGAAG  
4771 CTCGCTGGG CTGCATCGAT TGAATCCAC C <from 4772 to 5474, insertion  
site for a selected heterologous polypeptide>  
5534 CGATGG CCGCCATGGC CCAACTTGT TATTGCAGCT TATAATGGTT  
5580 ACAAATAAAG CAATAGCATC ACAAATTTCA CAAATAAAGC ATTTTTTTCA CTGCATTCTA  
5640 GTTGTGGTTT GTCCAAACTC ATCAATGTAT CTTATCATGT CTGGATCGGG AATTAATTCG  
5700 GCGCAGCACC ATGGCCTGAA ATAAGTTTAA ACCCTCTGAA AGAGGAACTT GGTTAGGTAC  
5760 CGACTAGTCT TTTGCAAAA GCTGTTACCT CGAGCGGCCG CTTAATTAAG GCGCGCCATT  
5820 TAAATCCTGC AGGTAACAGC TTGGCACTGG CCGTCGTTTT ACAACGTCGT GACTGGGAAA  
5880 ACCCTGGCGT TACCCAACTT AATCGCCTTG CAGCACATCC CCCTTTCGCC AGCTGGCGTA  
5940 ATAGCGAAGA GGCCCGCACC GATCGCCCTT CCCAACAGTT GCGCAGCCTG AATGGCGAAT  
6000 GCGCCTGAT GCGGTATTTT CTCCTTACGC ATCTGTGCGG TATTTACACAC CGCATACTGC  
6060 AAAGCAACCA TAGTACGCGC CCTGTAGCGG CGCATTAAAG GCGGCGGGTG TGGTGGTTAC  
6120 GCGCAGCGTG ACCGCTACAC TTGCCAGCGC CCTAGCGCCC GCTCCTTTCG CTTTCTTCCC  
6180 TTCCTTCTC GCCACGTTTC CCGGCTTTCC CCGTCAAGCT CTAAATCGGG GGCTCCCTTT  
6240 AGGGTTCCGA TTTAGTGCTT TACGGCACCT CGACCCCAA AACTTGATT TGGGTGATGG  
6300 TTCACGTAGT GGGCCATCGC CCTGATAGAC GGTTTTTCGC CCTTTGACGT TGGAGTCCAC  
6360 GTTCTTTAAT AGTGGACTCT TGTTCCAAAC TGAACAACA CTCAACCCTA TCTCGGGCTA  
6420 TTCTTTTGAT TTATAAGGGA TTTTGCCGAT TTCGGCCTAT TGGTTAAAAA ATGAGCTGAT